



Politechnika Łódzka

Assistant in the research and teaching staff group, Faculty of Electrical, Electronic, Computer and Control Engineering

Lodz University of Technology (TUL) is one of the finest technical universities of technology in Poland. It has over 75 years of tradition and experience in educating staff and conducting scientific research. It is an attractive partner for business. It cooperates with the largest companies in the country and abroad. It conducts scientific research at the European level, creates new technologies and patents in cooperation with the best scientific centers around the world. One of the pillars of Lodz University of Technology management is equal treatment of employees regardless of their gender, age, race or other demographic and social characteristics. In 2016, TUL was the first technical university in Poland to receive the HR EXCELLENCE IN RESEARCH award certifying that the University adheres to the principles of the "European Charter for Researchers" and the "Code of Conduct for Recruitment of Researchers".

1. The requirements for the candidate:

- Master's degree,
- documented scientific achievements in the field of thermal or electromagnetic field process modeling in the form of at least two publications in recognized scientific journals (from the Web of Science database);
- scientific and research interests in the area of nanomaterials, process modeling, biomaterials;
- participation in the implementation of a research grant;
- advanced knowledge of CAD programs, ability to use computer graphics and visualization techniques;
- database development skills;
- participation in the Erasmus program, completed foreign exchange;
- knowledge of Polish and English to be able to conduct classes with students;
- experience in teaching using the PBL method;
- experience in teaching in Polish as well as in English;
- ability to think analytically and solve problems;
- ability to work in a team, creativity.

2. Working conditions:

- full-time;
- the chosen Candidate(s) will be employed for a period of 24 months (until 30.09.2025).

3. Description of the expected scope of tasks and responsibilities:

The assistant selected under this competition will:

- conduct scientific research in electrical engineering, computer science, mechatronics;
- teach first and second degree courses, including using the PBL method;
- participate in research projects carried out at the Institute and apply for grants funded by external institutions;
- took an active part in the organizational activities of the Institute.

Deadline for offer submission: 26.05.2023r.

Form of offer submission: e-mail: w2i25@adm.p.lodz.pl

4. List of required documents:

- 1) An application for employment to the JM Rector of the PLA;
- 2) CV with contact information, including previous academic achievements, primarily:



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- scientific experience gained at home and/or abroad,
 - participation in research projects,
 - publications in scientific publications/journals,
- 3) Personal questionnaire for a person applying for employment at the Lodz University of Technology, as provided in Appendix No. 1.1 to the " OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT ";
 - 4) Data Privacy Statement as provided in Appendix No. 1.2 to the "OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT";
 - 5) Consent to processing of personal data, as provided in Annex No. 1.3 to the " OTM-R POLICY - OPEN TRANSPARENT MERIT-BASED RECRUITMENT ";
 - 6) True copies/copies of diplomas;
 - 7) Other documents proving qualifications.

5. Place, form and deadline for submission of documents:

Please send all documents electronically to the email address of the Institute of Mechatronics and Information Systems: w2i25@adm.p.lodz.pl until **26.05.2023**. Those who meet the formal requirements and the requirements of the competition, may be invited for an interview. Information about the possible interview will be sent to applicants by e-mail.

6. Contact person details:

Additional information on the competition can be provided by Ms. Prof. Dr. Maria Dems, e-mail: maria.dems@p.lodz.pl

7. **Expected date of settlement of the competition:** 20.06.2023r.

8. Description of the employing unit:

Institute of Mechatronics and Information Systems of the Technical University of Lodz - one of the institutes of the Faculty of Electrical Engineering, Electronics, Computer Science and Automation of the Technical University of Lodz.

The institute conducts scientific research and teaching activities related to modern areas of science and education, which are:

- modeling and analysis of electromagnetic, thermal and vibroacoustic phenomena, electric machines and transformers;
- broadly defined mechatronics;
- VR, AR, artificial intelligence;
- database programming and big data issues;
- electromagnetic compatibility issues, EMC;
- electrodynamics of three-dimensional systems, taking into account anisotropy and magnetic nonlinearity;
- optimization of the design of rotating electrical machines, transformers, actuators and sensors, linear motors, magnetic shielding and electrical machines of special design;
- modeling of spatial distribution of power losses in ferromagnetic elements;
- modeling of quasi-isotropic and anisotropic magnetic circuits, including those made of amorphous materials;
- nanotechnology and synthesis of nanomaterials.

The institute has a number of research and teaching laboratories including:

- laboratory of dynamics of mechatronic systems;
- laboratory of electric drives;

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- laboratory of the Education and Training Center;
- mechatronics laboratory;
- microscopy laboratory;
- vibroacoustics laboratory;
- EMC laboratory.



PERSONAL INFORMATION FORM FOR APPLICANTS FOR EMPLOYMENT AT LODZ UNIVERSITY OF TECHNOLOGY

1. First name(s) and family name
2. Date of birth
3. Contact details
4. Education (where required for specific duties or jobs)

.....
(name of school and graduation date)

.....
(occupation, specialisation, degree, professional title, academic title)

5. Professional qualifications (where required for specific duties or jobs)

.....
(courses, postgraduate education, other forms of further development of knowledge and skills)

6. Employment history (where required for specific duties or jobs)

.....
(employment periods and jobs held at previous employers')

7. Additional personal information, where the right or the duty to disclose it exists under specific regulations

.....
(place and date)

.....
(signature of the applicant)



Data Privacy Statement for job candidates

Pursuant to Article 13(1) and (2) of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (General Data Protection Regulation, Official Journal of the EU L 119/1), hereinafter referred to as "GDPR", we inform you as follows:

- 1) Lodz University of Technology with the registered office in Lodz is the Controller of your personal data;
- 2) We have appointed a Data Protection Officer to supervise the compliance of personal data processing, who can be contacted in matters concerning the protection of your personal data at the following e-mail address: rbi@adm.p.lodz.pl; telephone number: 42 631 2039; or in writing to the address of our registered office: Lodz University of Technology, Żeromskiego 116, 90-924 Łódź;
- 3) As the controller, we will process your data for the purpose of the recruitment process for the position indicated, based on your consent (Article 6(1)(a) GDPR);
- 4) You have the right to withdraw your consent to the processing of your personal data at any time, but such withdrawal shall not affect the lawfulness of the processing effected on the basis of your consent prior to its withdrawal;
- 5) You have the right to lodge an objection against the processing of the data as set out above at any time. We will cease to process your data for these purposes unless we can demonstrate that there are compelling legitimate grounds for us to do so which override your interests, rights, and freedoms, or that your data will be required for the possible establishment, assertion, or defense of claims;
- 6) Your personal data provided in the CV, personal information form for the applicant for employment, and copies of documents supporting your professional experience, education, additional credentials and qualifications will be processed for the period in which claims related to the recruitment process may arise, i.e. for 6 months following the conclusion of the recruitment process. For individuals who have given their consent to the processing of personal data for the purposes of future recruitment, for a period of 12 months following the conclusion of the recruitment process during which the consent has been given;
- 7) Only individuals authorized by the Controller to process your data in the performance of their duties will have access to your data;
- 8) Your personal data will not undergo automated processing and will not be subject to profiling;
- 9) Under GDPR, you shall further have:
 - a) the right to access your data and to receive copies thereof,
 - b) the right to rectification (amendment) of your data,
 - c) the right to erasure/to be forgotten, restriction of data processing,
 - d) the right to data portability,
 - e) right to file a complaint to the supervisory authority - President of the Personal Data Protection Office, Stawki 2, 00-193 Warsaw.

.....
(date and signature of the candidate)



Consent of the candidate to the processing of personal data (pursuant to Article 7 GDPR)

I consent to the processing of my personal data by Lodz University of Technology, the Controller of the data included in the following documents that I have submitted:

.....
.....

for the purpose of recruitment/employment*.

I hereby declare that I have been informed of the right to withdraw my consent at any time, effective as of the date of submission of the withdrawal of consent.

The Controller (or an authorised representative) has also informed me that the withdrawal of consent does not affect the lawfulness of the processing performed on the basis of the said consent prior to its withdrawal.

.....
(date and signature of the candidate)

* delete as appropriate